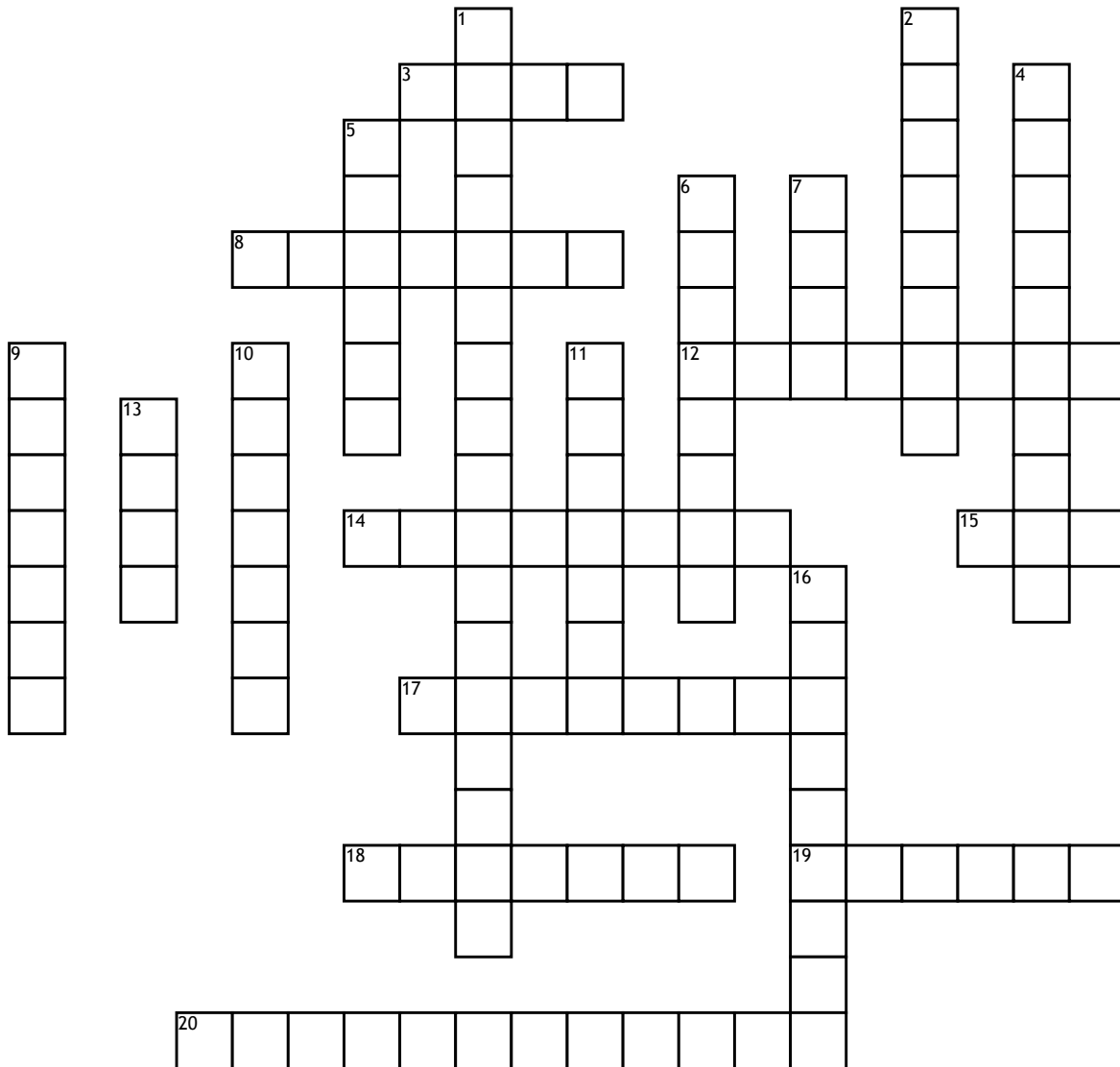


chemistry of life



Across

- 3. compound that produces hydroxide ions in solution
- 8. substance in which a solute is dissolved to form a solution
- 12. substance formed by chemical combination of two or more elements in definite proportions
- 14. mixture of two or more substances in which the molecules of the substances are evenly distributed
- 15. atom with a negative or positive charge
- 17. attraction between molecules of the same substance
- 18. substance consisting entirely of one type of atom

- 19. weak acid or base that can react with strong acids or bases to help prevent sharp sudden changes in pH

- 20. bond formed by the sharing of electrons between atoms

Down

- 1. a slight attraction that develops between the oppositely charged regions of near by molecules
- 2. attraction between molecules of different substances
- 4. mixture of water and nondissolved materials
- 5. substance that is dissolved in a solvent to make a solution

- 6. negatively charged particle, located outside of the nucleus
- 7. basic unit of all life
- 9. measurement system to indicate the concentration of hydrogen in solution, ranges from 0 to 14
- 10. the center of the atom which contains the protons and neutrons
- 11. atom of an element that has a number of neutrons different from that of other atoms of the same element
- 13. compound that forms hydrogen ion in solution
- 16. bond formed when one or more electrons are transferred from one atom to another